

PRODUCT INFORMATION

Target	CD28
Synonyms	Tp44
Description	Recombinant human CD28 Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P10747
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	CD28(Asn19-Pro152) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 16.5 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]
Usage	Research use only
Conjugate	Unconjugated



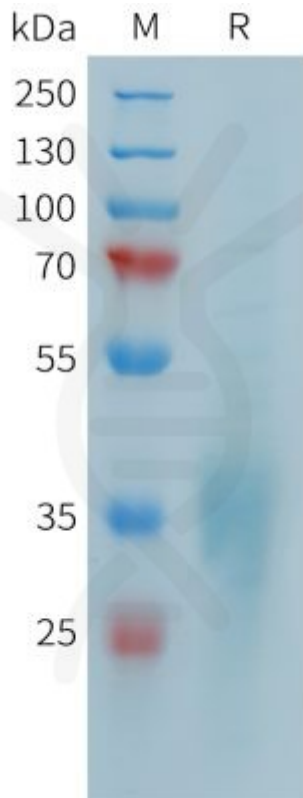


Figure 1. Human CD28 Protein, His Tag on SDS-PAGE under reducing condition.

